

Title (en)

BATTERY MODULE HAVING VOLTAGE SENSING MEMBER HAVING RECEPTACLE STRUCTURE

Title (de)

BATTERIEMODUL MIT SPANNUNGSMESSUNGSELEMENT MIT AUFNAHMESTRUKTUR

Title (fr)

MODULE DE BATTERIE À ÉLÉMENT DE DÉTECTION DE TENSION À STRUCTURE DE CONTENANT

Publication

EP 3101714 B1 20180411 (EN)

Application

EP 15757657 A 20150226

Priority

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- KR 2015001849 W 20150226

Abstract (en)

[origin: EP3101714A1] Disclosed herein is a battery module including a battery cell stack configured to have a structure in which a plurality of battery cells or unit modules connected to each other in series and/or in parallel is stacked in the state in which each of the battery cells or the unit modules is stood on one side thereof, voltage sensing members provided with connecting terminals electrically connected to electrode terminal connection parts of the battery cells, which are located at the front and the rear of the battery cell stack, for detecting voltages of the battery cells or the unit modules, an upper case configured to have a structure for covering the end of one side of the battery cell stack and portions of upper and lower ends of the battery cell stack, the upper case being provided with mounting parts, into which the voltage sensing members are inserted and mounted, and a lower case configured to have a structure that is coupled to the upper case while covering the end of the other side of the battery cell stack and portions of the upper and lower ends of the battery cell stack, the lower case being provided at the front thereof with external input and output terminals, wherein each of the voltage sensing members is configured to have a receptacle structure in which each of the voltage sensing members is fitted onto a corresponding one of the electrode terminal connection parts from the upper part of each of the voltage sensing members, and each of the mounting parts is configured to have a structure in which the width of the mounting part is decreased in the direction in which a corresponding one of the electrode terminal connection parts is inserted.

IPC 8 full level

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CPC (source: EP KR US)

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